

Claims

1.-18. (cancelled)

19. (new) A system for updating items of information displayed on a client, the system comprising:

a server for providing the items of information;

at least one information unit for displaying the items of information on the client;

a data transmission device for transmitting new items of information on the server and/or for transmitting items of information between the server and the client;

first mechanisms for the management of identifiers used to identify the information units and for assigning an update stamp to each identifier;

second mechanisms for assigning newly-received items of information to the identifiers and for updating the update stamp; and

third mechanisms for comparing the update stamp, assigned to the information unit concerned, with the current update stamp.

20. (new) The system in accordance with Claim 19, wherein provision is made for the updating of the items of information displayed in an information unit when the update stamps differ.

21. (new) The system in accordance with Claim 19, wherein the system is provided for the updating of items of information relating to an industrial production process.

22. (new) The system in accordance with Claim 19, wherein the client is designed as a device for operating and monitoring the production process.

23. (new) The system in accordance with Claim 19, wherein the server is adapted for providing items of information received from programmable controllers or systems, and/or diagnostic devices or systems.

24. (new) The system in accordance with Claim 19, wherein the server is a Web server.

25. (new) The system in accordance with Claim 19, wherein the first mechanisms and/or the second mechanisms and/or the third mechanisms are provided for the purpose of installation on the server.

26. (new) The system in accordance with Claim 19, wherein the identifiers are Uniform Resource Identifiers as used in the Web environment.

27. (new) The system in accordance with Claim 19, wherein the device for the transmission of data takes the form of an Intranet and/or the Internet.

28. (new) A method for updating items of information displayed on at least one client, the method comprising:

 providing the items of information on a server;

 displaying the items of information on a client in at least one information unit;

 transmitting new items of information on the server and/or transmitting items of information between the server and the at least one client by a data transmission device;

 managing identifiers used to identify information units by a first mechanism;

assigning an update stamp to each identifier by the first mechanism;

assigning newly-received items of information to the identifiers by a second mechanism; updating the update stamp by the second mechanism; and

comparing the update stamp, assigned to a respective information unit, with a current update stamp by a third mechanism.

29. (new) The method in accordance with Claim 28, wherein the items of information displayed in one of the information units are updated when the update stamps differ.

30. (new) The method in accordance with Claim 28, wherein the items of information relating to an industrial production process are updated.

31. (new) The method in accordance with Claim 28, wherein a device for operating and monitoring the production process is used as the client.

32. (new) The method in accordance with Claim 28, wherein the items of information received from programmable controllers or systems, as applicable, and/or diagnostic devices or systems, as applicable, are made available by the server.

33. (new) The method in accordance with Claim 28, wherein a Web server is used as the server.

34. (new) The method in accordance with Claim 28, wherein the first mechanism and/or the second mechanism and/or the third mechanism are installed on the server.

35. (new) The method in accordance with Claim 28, wherein the identifiers used are special Uniform Resource Identifiers as used in a Internet or Intranet environment.

36. (new) The method in accordance with Claim 28, wherein the device for the transmission of data is an Intranet and/or the Internet.